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Exhibit R-2, RDT&E Budget Item Justification									Date: January 2000	
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE					
RDT&E, Defense Wide, Budget Activity 6					PE 0605110T "Partnership for Peace Information Management System"					
COST (\$ in Millions) Partnership for Peace Information Management System (PIMS)	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	Cost to Complete	Total Cost
Total PE Cost	-	-	1.932	1.922	1.920	1.962	2.005		Continuing	Continuing

Since this effort is not Critical Technology Support it has been switch to PE 060512T.

A. Mission Description and Budget Item Justification

The Partnership for Peace Information Management System (PIMS) is an OSD/C3I sponsored DOD leadership project supporting enhanced cooperation, bilaterally and multilaterally, in accordance with US policy and to US benefit. Firmly based on priority requirements, the Program has established a common, real-time information infrastructure which has given allies and Partner countries the ability to access and exchange information critical to the cooperative growth activities underpinning the spirit of PfP. PIMS is part of the NATO Enlargement Facilitation Act of 1996 and implements the Congressional endorsement for the modernization of Defense capabilities in eligible PfP countries relative to their telecommunications infrastructures. R&D funding is essential to ensuring PIMS can support this mandate.

In order for PIMS to effectively support PfP preparation for future coalition initiatives, it must develop a full range of databases and advanced IT applications to support the practical aspects of US and NATO-approved PfP cooperative activities. In addition, special capabilities such as mapping and geodesy, multinational digitized imagery, and data derived from remote sensing technologies must also be integrated into PIMS if it is to provide the requisite mission support services necessary to achieve the interoperability/integration goals outlined in Joint Vision 2010 for working in concert with allied and coalition forces. PIMS R&D funding will also be critical to the development of system enhancements necessary to support the SecDef’s proposal for building an improved PfP education and training framework. The plan envisions a lead role for PIMS to provide research, development, and specialized engineering services in support of a distributed education environment via a Consortium of Defense Academies and Security Institutes; an exercise simulation network; and a cooperative network of nationally sponsored PfP training centers. Other senior DOD directed PIMS initiatives include an electronic crisis information exchange capability among the countries of Southeastern Europe. Growth of this subregional network is contingent upon PIMS IT developmental efforts necessary to support a successful multinational crisis response and infrastructure repair coordination tool. Finally, R&D dollars must be made available for PIMS technical developmental efforts associated the Defense Information Infrastructure and conformance with the Clinger-Cohen Act.

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<u>Program Plans</u>				
<ul style="list-style-type: none">Database development in support of OSD and Joint Staff policy objectives tailored to PfP mission enhancement (i.e. Peacekeeping, Emergency Planning, Professional Military Education, and Exercises) -. (\$1.0 million)Research, testing, evaluation, and integration of AIS security guards, filters, and firewalls to enhance bilateral and NATO interoperability, and technologies to support incorporation of the Defense Message System and other C3I, J-6, and DISA policy-driven improvements to the Defense Information Infrastructure. (\$0.5 million)System enhancements which leverage new communications technologies, devices, and software to maximize PIMS accessibility, flexibility, and utility in support of increased US DOD processing requirements for preparedness in coalition operations (simulation, tools, exercise support, and interactive training). (\$0.5 million)				
Specific Application and Process Improvements represent specific types of program and system improvements which will directly support development of OSD databases, interoperability initiatives, and communications enhancements. In addition, funds will provide directly support to the PIMS Program Office in implementing the multiple facets of the PIMS program for both US and Partners.				
B. <u>Program Change Summary:</u>				
	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	
FY 2000 President's Budget				
FY 2000 Appropriated Value				
Adjustment to Appropriated Value				
Inflation Adjustment				
FY 2001 Budget Estimate Submission	-	1,932	1,922	
<u>Change Summary Explanation</u>				
US Policy has put increased emphasis on DOD development of information capabilities that will serve not only coalition efforts in military operations but that will support non-traditional arenas such as Civil Emergency Planning. Additionally, enhanced technical and procedural interoperability among US organizations, PfP nations, and allies remains a high priority.				

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C. <u>Other Program Funding Summary</u>																				
	<u>FY 99</u>	<u>FY 00</u>	<u>FY 01</u>	<u>FY 02</u>	<u>FY 03</u>	<u>FY 04</u>	<u>FY 05</u>	<u>FY 06</u>	<u>To Complete</u>	<u>Total Cost</u>										
O&M (PfP)									TBD	TBD										
O&M (PfP – PIMS)	5.0	5.0							Continuing											
Total PfP									TBD	TBD										
D. <u>Acquisition Strategy:</u>																				
<p>PIMS employs an evolutionary acquisition strategy by establishing a well-defined core capability while planning for incremental upgrades and enhancements to the overall system capabilities. Each enhancement is treated as an individual acquisition; its scope and content the result of continuous feedback from PIMS users, supporting organizations, and the desired application of new technology balanced against the constraints of time and cost. Whenever possible, existing assets are leveraged to preserve US IT infrastructure investments and offer an economically prudent solution to increase mission effectiveness across the spectrum of PIMS participants.</p>																				
E. <u>Schedule Profile</u>																				
Per developmental milestones listed below.																				
	<u>FY 2001</u>				<u>FY 2002</u>				<u>FY 2003</u>				<u>FY 2004</u>				<u>FY 2005</u>			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Milestone I	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
II		x	x		x	x														
III		x	x		x	x														
IV		x	x		x	x	x	x	x	x										
V			x		x	x	x	x	x	x	x						x	x	x	x
VI					x	x	x	x	x	x	x						x	x	x	x
VII						x	x		x	x	x	x	x	x			x	x	x	x
VIII							x		x	x	x	x	x	x			x	x	x	x

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<p>I Database Development – R&D support to multiple DOD international outreach initiatives, i.e. OSD/SOLIC (Peacekeeping), OSD/Policy (Environmental Security), Joint Staff (Exercise Planning and Professional Military Education (NDU)), OSD/Health Affairs (Medical Education), OSD/ISA (Distance Learning Initiatives), DUSA-IA (Civil-Military Emergency Planning)</p> <p>Identify information requirements, common formats and exchange mechanisms between, PfP, NATO, and US Develop databases and support mechanisms to allow collaborative data warehousing and sharing by relevant participants Test and execute solutions in exercise environment Upgrade/modify warehousing and data mining techniques Continued development of databases supporting US requirements Development of transitional approaches to other CINCS</p> <p>II Enhanced Network and System Management</p> <p>Evaluate network management tools Test in operational configuration and evaluate results Implement Solution Develop diagnostic tools for IT and systemic measurement</p> <p>III Mandated System Migration</p> <p>Identify appropriate segments Continued migration of PIMS servers to DII-compliant Architecture Develop and tailor GCCS releasable applications to PfP mission requirements</p> <p>IV Alternative Commercial Satellite Solutions</p> <p>Research video compression techniques and other state of the art IT communication enhancements Test in operational environment Implement initial solution Enhance video capability</p> <p>V Defense Messaging System (DMS) Integration</p> <p>Evaluate requirement for implementation across constrained bandwidth architecture Initiate for test and evaluation PIMS modification/enhancement</p>	

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<p>Full implementation of DMS</p> <p>VI Expansion of Long Haul/Wide Area Communications Infrastructure Assess current network capacity and new requirements Design, engineer, and test necessary upgrades Implement expanded, improved architecture Continued evaluation of new technologies to enhance cost avoidance</p> <p>VII Theater Interoperability Evaluate interface requirements with existing target Theater and NATO systems Develop required interface Evaluate and test security guards, filters, and firewalls Implement</p> <p>VIII Voice Systems Identify voice over TCP/IP network solutions Test and select most efficient process Implement enhanced connectivity. Research customer and mission driven security options.</p>	

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